

N90KF



The Standard

ENGINE LOG

ASA-SE-1



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Engine Record General Information

Manufacturer ROTEC RADIAL ENGINE Model R-2800

Serial 1010207-B Type Certificate

This engine is currently installed in aircraft KITFOX N90KF

Minimum Octane Fuel 100LL 100/130 AVG Oil Grade: Summer VALVOLINE DURA BLEND SEMI SYN

Magneto Time 25° BTDC Point Setting 10W40

Spark Plug Gap .022 to .024 P/N NGK DEPR8E Firing Order 1-3-5-7-2-4-6 ONLY!

Manufacturer recommended overhaul at 2000 hours

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6-15-08		CHRS		INSTALLED THIS ENGINE (ROTAX RADIAL R2800 S/N 1-01-02-07-13) INTO ^{NEVER BEFORE} KITFOX N90KF (S/N 96030-0147) WITH STERBA WOODEN CLIMB PITCHED PROP (NO SERIAL #). SERVICED ENGINE WITH DURABLEND SEMI SYNTHETIC 10W40 AND RAN FOR LEAK CHECKS AND POWER RUNS.
				██████████ AIP ██████████
10-30-08		ENGINE TACH TIME 15.3 HRS - 10.0 HRS FLIGHT TIME -		REMOVED NOSE CASE FROM ENGINE AND INSPECTED REDUCTION GEARBOX FOR WEAR AND CRACKS - NO UNUSUAL WEAR PATTERNS OR CRACKS EXIST. ALSO CHECKED PLANETARY GEARS FOR END FEAT. INSPECTION REVEALS ALL NORMAL CONDITIONS. REINSTALLED NOSE CASE.
				██████████ AIP ██████████

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2020	09	AIRCRAFT	TOTAL TIME 12.5 HRS.	INSTALLED PROP SPEED
		REDUCTION UNIT	AFTER ROTEC REPLACED	6 PLANATARY REDUCTION
		GEAR BOX	WITH 3 PLANATRY REDUCTION	GEARBOX. MOD
		INCLUDES NEW DRIVE	BELL AND NEW SUN GEAR.	SUN GEAR
		RUN OUT WITH DIAL	INDICATOR IS WITHIN $\pm .002$.	CHANGES
		ENGINE OIL & OIL	FILTER. SERVICED OIL WITH 10W40 DURABEND	
		SEMI SYNTHETIC AND USED	NAPA GOLD OIL FILTER #1356.	
				A & P

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4-19-09	- AIRCRAFT	TOTAL	TIME 27.7 HRS	- ENGINE TOTAL TIME 27.7 HRS
	COMPLETED	25 HR	ENGINE INSPECTION.	ALL CYLINDERS TESTED
	78/80	OR BETTER	ON DIFFERENTIAL	COMPRESSION TEST. ADJUSTED
	VALVE TAPPET	CLEARANCE	AS REQUIRED	TO .10 MM ON INTAKE &
	EXHAUST.	REPLACED	OIL FILTER	WITH NAPA GOLD # 1356. ADDED OIL
	AS REQUIRED.	REPLACES	ALL OIL INTERCONNECT	LINES AND CLAMPS ON
	CYLINDER HEADS.	REPLACED	ALL PUSH ROD TUBE	SEALS. REPLACED
	NAPA FUEL FILTER	#3095.		
				AS P.

[illegible]

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11-10-09	ACFT T.T.	43.7 HRS	ENGINE T.T. 43.7 HRS	REINSTALLED ENGINE (ROTEC R2800 S/N: 020107-011) ON KITEFOX N90KF. [REDACTED] A/P [REDACTED]
5-1-10	ACFT TOTAL TIME	44.0 HRS	C/W CONDITION INSPECTION.	ALL CYS TESTED 78/80 ON DIFFERENTIAL COMPRESSION TEST. REPLACED CARB AIR FILTER WITH NEW K&N AIR FILTER (P/N F02544) REPLACED ENGINE IN-LINE FUEL FILTER (NAPA GOLD 3095) ENGINE OIL FILTER (NAPA 1356), OIL SCAVENGE PUMP FILTER (BLUE BSA 700). SERVICED ENGINE WITH 7 QUARTS OF DURA BLEND SEMI-SYNTHETIC 10W 40 OIL. PSRU AND VALVE CLEARANCES RECENTLY COMPLIED WITH BY ROTEC FACTORY. REINSTALLED, TORQUED AND SAFETIED PROPELLER. ENGINE RAN FOR LEAK CHECK. CHECKED FUEL PUMP FITTINGS. [REDACTED] I/A [REDACTED]

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6-6-11				AIRCRAFT TOTAL TIME 46.3 HRS - COMPLIED WITH CONDITIONAL INSPECTION AT THIS TIME. ALL CYLINDERS TESTED 78/80 ON DIFFERENTIAL COMPRESSED TEST. NO DEFECTS NOTED ON INSPECTION. ADDED ENGINE OIL AND RAN FOR LEAK CHECK AND MAG CHECKS. CHECKED FUEL PUMP. [REDACTED] I/A [REDACTED]
11-11-11				AIRCRAFT TOTAL TIME - ENGINE TOTAL TIME 47.5 - RAN ENGINE, DRAINED ENGINE OIL AND REPLENISHED WITH 7qts OF DURABLEND 10W40. REPLACED OIL FILTER WITH NAPA GOLD 3095. RAN FOR LEAK CHECK. [REDACTED] I/A [REDACTED]

[illegible]

[illegible]

YEAR: 2015	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
2015				Engine total time 55.3 hours compression check #1- 72/80 #2 73/80 #3- 75/80 #4 75/80 #5- 75/80 #6 75/80 #7 73/80. cleaned and serviced K&N Air Filter. Inspected starter Alt. and ignition system. Inspected exhaust Inspected engine mount bushings & engine mount checked overall condition of engine. I certify this engine has been inspected IAW condition Inspection & is determined to be in good working condition at this time [redacted] APR [redacted]

YEAR: 2019 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8-22-2019		Engine	Total time 75.0	Replaced oil filter & oil return filter changed return filter to renewal type. serviced with Ameshell 15-50 semi-syn. Install drain kit for intakes from Radial Conversions
11-15-2019	299	75.7		installed new stainless exhaust - installed new Rotec tach.
2020				
5-26	100.0	25.0		Local Flying 8-22 → 5-26 2020

YEAR: 2019 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12-07	76.5	Alto		Change oil & filter, check compression @ 174/80 or better, adjust valves to 20/20 specs - install new O-ring type rocker covers on cylinders
				DATE <u>12/07/2019</u> T.T. <u>76.5</u> hrs
				I certify that I have inspected this ^{Engine} aircraft in accordance with FAR 43, Appendix D, and have determined it to be in a condition for safe operation.
				 Albert Kimball A&P  IA

[illegible]

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	OPERATIONS
		VAN SURDAM VINTAGE AIRCRAFT	Number of Technician or Repair
DATE		FEBRUARY 16, 2021 N90KF KITFOX CLASSIC IV SN C96030-0147 ROTEC R2800 SN 1 01 02 07-B STERBA WOODEN CLIMB PROP TACH: 109.6 Completed a conditional inspection per FAR 43 Appendix D checklist and Rotec Aerosport 25/50/100 hr checks. Replaced fuel filter Wix 33095. Fabricated and replaced all fuel and oil hoses forward of the firewall. Installed pitot tube protector. Replaced bungees with M1-1V. Replaced Maule tail wheel cam pn TW-10 and lock pin pn TW-13AB. Serviced engine with 6 qts. Aeroshell 15W50 and Wix 51356 oil filter. Sent sample to A-O-A for analysis. Replaced spark plugs NGK DCPR8E. Inspected PRSU IAW Rotec 50 hour check. Replaced scavenge pump pn N11253 and filter. Compression check: 1-77/80, 2-73/80, 3-77/80, 4-77/80. 5-79/80, 6-79/80, 7-78/80. Post maintenance operational checklist complete. I certify this airframe, engine and prop have been inspected IAW a conditional inspection and was found to be in airworthy condition. John R. Van Surdam	